EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L12	1575	320/150-153.CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/12/19 09:13
L13	2150	361/93.8,103,106.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/12/19 09:13
L14	1324	429/61,62.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/12/19 09:13
L15	4982	L12 OR L13 OR L14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/12/19 09:13
L16	16	L15 and (polymer near4 (PTC or (positive adj temperature)) with (battery or cell or accumulator))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/12/19 09:13
L17	330	L15 and ((PTC or (positive adj temperature)) with (battery or cell or accumulator))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/12/19 09:19
L18	176	17 and (polymer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/12/19 09:19
L19	164	320/154.ccls.	US-PGPUB;	OR	OFF	2011/12/19

			USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			09:31
L20	11	L19 and ((PTC or (positive adj temperature)) with (battery or cell or accumulator))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/12/19 09:31
L21	30	L19 and ((PTC or (positive adj temperature) or thermist$r or posist$r) with (battery or cell or accumulator))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/12/19 09:32
L22	19	21 NOT 20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/12/19 09:32
L23	794	L15 and ((PTC or (positive adj temperature) or thermist$r or posist$r) with (battery or cell or accumulator))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/12/19 09:34
L24	266	L15 and ((PTC or (positive adj temperature) or thermist$r or posist$r) with (battery or cell or accumulator) SAME (switch$3 or MOSFET of FET or BJT or transistor))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/12/19 09:34
L25	29	L15 and ((PTC or (positive adj temperature) or thermist$r or posist$r) near4 (series or serial$3 or cascad$3 or daisy adj chain$3) with (battery or cell or accumulator) SAME (switch$3 or MOSFET of FET or BJT or transistor))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/12/19 09:35
L26	28	25 NOT 22	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/12/19 09:35
L27	0	2000-152516	JPO	OR	OFF	2011/12/19 09:57
L28	3	2000-152516	JPO; DERWENT	OR	OFF	2011/12/19 09:57
L30	3	2002-118957	JPO;	OR	OFF	2011/12/19

			DERWENT			09:58
L31	0	11-191436	JPO; DERWENT	OR	OFF	2011/12/19 09:58
S1	190918	"320"/$.ccls. or "361"/$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/07 09:00
S2	41849	S1 and (battery or cell or accumulator)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/07 09:00
S3	90	S2 and (polymer near4 (PTC or positive adj temperature adj coefficient or posistor))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/07 09:01
S4	3	"6700766".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/07 09:03
S5	2	"6356424".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/07 09:07
S6	6	((TAKASHI) near2 (HASUNUMA)).INV.	USPAT	OR	ON	2010/06/07 10:13
S7	364	((TAKASHI) near2 (SATO)).INV.	USPAT	OR	ON	2010/06/07 10:14
S8	368	S6 or S7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/07 10:14
S10	9	S8 and ((battery or cell or accumulator) with (PTC or positive adj temperature adj coefficient or posistor))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/07 10:15
S11	5	((TAKASHI) near2 (HASUNUMA)).INV.	US-PGPUB	OR	ON	2010/06/07 10:16
S12	305	((TAKASHI) near2 (SATO)).INV.	US-PGPUB	OR	ON	2010/06/07 10:16

S13	308	S11 or S12	US-PGPUB	OR	ON	2010/06/07 10:17
S14	8	S13 and ((battery or cell or accumulator) with (PTC or positive adj temperature adj coefficient or posistor))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/07 10:17
S15	11377	Tyco.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/07 10:18
S16	38	S15 and ((battery or cell or accumulator) with (PTC or positive adj temperature adj coefficient or posistor))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/07 10:18
S17	34	S16 NOT (S10 or S14)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/07 10:18
S21	2	"US 20070210893"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2011/02/10 21:49
S22	1483	320/150-153.CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/10 22:11
S23	2088	361/93.8,103,106.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/10 22:11
S24	3553	S22 OR S23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/10 22:19
S26	113	S24 AND ((battery or cell or accumulator) with (PTC or positive adj temperature or posistor))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2011/02/10 22:20

			DERWENT; IBM_TDB			
S27	517	S24 AND ((battery or cell or accumulator) with (PTC or positive adj temperature or posistor or thermistor))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/10 22:23
S28	1210	429/61,62.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/10 22:34
S29	4718	S22 OR S23 OR S28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/10 22:35
S30	757	S29 AND ((battery or cell or accumulator) with (PTC or positive adj temperature or posistor or thermistor))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/10 22:35
S31	1483	320/150-153.CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/12 19:20
S32	2088	361/93.8,103,106.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/12 19:20
S33	1210	429/61,62.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/12 19:20
S34	4718	S31 OR S32 OR S33	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/12 19:20
S35	757	S34 AND ((battery or cell or accumulator) with (PTC or positive adj temperature or posistor or	US-PGPUB; USPAT; USOCR;	OR	ON	2011/02/12 19:20

		thermistor))	FPRS; EPO; JPO; DERWENT; IBM_TDB			
S36	3961	S34 NOT S35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/12 19:20
S37	21	"6,700,766" "6,356,424"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/12 19:29
S38	5	("6,700,766" "6,356,424").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/12 19:29

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L32	0	(overheat protection device variable resistive element resistance varies temperature polymer PTC element switching element controls current flowing electrical system resistor electrical system secondary batteryvariable resistive element plurality of variable resistive elements series located thermally combined position electrical system).CLM.	US-PGPUB; UPAD	AND	OFF	2011/12/19 10:03
L33	0	(overheat protection device variable resistive element resistance varies temperature polymer PTC element switching element controls current flowing electrical system resistor electrical system secondary batteryvariable resistive element).CLM.	US-PGPUB; UPAD	AND	OFF	2011/12/19 10:03
L34	0	(overheat protection device variable resistive element resistance varies temperature polymer PTC element switching element resistor electrical system secondary batteryvariable resistive element).CLM.	US-PGPUB; UPAD	AND	OFF	2011/12/19 10:03
S18	0	((TAKASHI) near2 (HASUNUMA)).INV.	UPAD	OR	ON	2010/06/07 10:17
S19	0	((TAKASHI) near2 (SATO)).INV.	UPAD	OR	ON	2010/06/07 10:17
S20	189	Tyco.AS.	UPAD	OR	ON	2010/06/07 10:18

12/19/2011 10:19:35 AM
C:\Users\rmuralidar\Documents\EAST\Workspaces\10578380_TYCO
ELECTRONICS_Hasunuma_Battery With PTC Protection.wsp